



WEEK ENDING JANUARY 17, 2014

# OPP Weekly Activity Report

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## PESTICIDE RE-EVALUATION DIVISION

**Mesosulfuron-methyl Final Work Plan Signed.** In December 2013, PRD signed and posted to the docket the Final Work Plan for mesosulfuron-methyl. The Agency plans to require several environmental fate and ecological effects studies for mesosulfuron-methyl through a Data Call-In Notice, expected to be issued in January-March of 2014. Mesosulfuron-methyl is a sulfonylurea herbicide used to treat grasses and broadleaf weeds on spring and winter wheat and triticale. The mode of action of this herbicide is inhibition of acetolactate synthase (ALS) enzyme that is needed for the production of branch chained amino acids required for the growth and development of plant cells. (Jolene Trujillo, 347-0103)

**EPA Meets with the California Rice Commission.** On Tuesday, January 14, 2013, EFED, PRD, and RD met with the California Rice Commission (President Tim Johnson and Industry Affairs Manager Robert Firoved) to discuss propanil packaging issues, fumigants, bensulfuron-methyl, and the implementation of the thiobencarb BiOp. The Rice Commission commended the Agency for the ongoing dialogue they have had with the Agency for a variety of issues over the years; and while there is not always agreement on the issues, they were very appreciative that dialogue occurred and will continue to occur. Much of the meeting focused on the propanil packaging issues that occurred during the 2013 growing season and steps being taken to ensure that a reoccurrence of the packaging problems would not occur during the 2014 growing season. (Joel Wolf, 703-347-0228)

**Completion of HHT Product Reregistration Case.** On Jan 14, 2014, all products containing the active ingredient grotan, also known as HHT (hexahydro-1,3,5-tris (2-hydroxyethyl)-s-triazine) were sent to the Antimicrobial Divisions to complete the final phase of product reregistration. The completion of a product reregistration case is a milestone that signals the complete implementation of RED risk mitigation for the case. (Khue Nguyen, 703-347-0248)

**Completion of Prometon Product Reregistration Case.** On January 14, 2014, all products containing the active ingredient prometon were sent to the Registration Division to complete the final phase of product reregistration. The completion of a product reregistration case is a milestone that signals the complete implementation of RED risk mitigation for the case. (Khue Nguyen, 703-347-0248)

**Conference Call with d-Phenothrin Registrant to Discuss the Registration Review Data Call-In (DCI) Requirements.** On Tuesday, January 7, at the request of OPP, members of AD, EFED, and PRD met with representatives from i2L Research, the consultants for the technical registrant, Sumitomo, to discuss d-phenothrin data needs relative to the EFAST Modeling. D-phenothrin is a member of the pyrethroid

chemical class. It is a Type I pyrethroid insecticide registered for use to control adult mosquitoes and other nuisance insects indoors and outdoors in residential yards and public recreational areas. More information on the registration review of d-phenothrin can be found in docket EPA-HQ-OPP-2011-0539 at [www.regulations.gov](http://www.regulations.gov) (Carissa Cyran, 347-8781)

**Metofluthrin Final Work Plan for Registration Review Signed.** EPA completed the Final Work Plan (FWP) for metofluthrin during the holidays. Metofluthrin is a Type I synthetic pyrethroid insect repellent and insecticide with products registered for use in residential and commercial areas, including barns, stables and kennels. As part of the registration review process, the Agency selected metofluthrin as a *de minimis* candidate due to its low potential for ecological risk and exposure and effects to non-target organisms. Due to the *de minimis* classification, no DCI will be issued for metofluthrin. The response to comments document and draft PRA are scheduled for release in June 2014. (Veronica Dutch, 703-308-8585)

## ANTIMICROBIALS DIVISION

**EPA Participates in ACC Biocides Panel Meeting.** On January 15, 2014, The Director and Deputy Director of the Antimicrobials Division attended the American Chemistry Council's (ACC) Biocides Panel meeting at the panel's request to receive updates from EPA and to present information on the updates to the Indirect Dietary Residential Exposure Assessment Model (IDREAM) that was developed in response to EPA's model used to estimate dietary exposures to antimicrobial residues on kitchen counters. EPA also updated the panel on new hires; the ongoing effort to ensure PRIA/FQPA label submissions are in compliance with changes identified in the RED; staff's efforts to ensure DERs are transmitted to applicants; the division's efforts to embody the principles of communication, leadership, initiative, and collaboration and the ongoing efforts to streamline and improve processes/workflow; and upcoming updates to the EPA website (ATP 3-column report, updated lists of registered sanitizers/disinfectants, status of new active ingredient conditional registrations). EPA also repeated its encouragement that applicants to submit labels electronically to allow EPA to leverage its label comparison software for faster label reviews. (Susan Lewis, 703-308-8009; Jennifer McLain, 703-308-0293)

**AD staff participated in International Nanotechnology Workshop.** On January 14, 2014, AD staff participated (via webinar) in the Canada-United States Regulatory Cooperation Council Final Results Workshop on Nanotechnology. Since February 2011, the Canada United-States Regulatory Cooperation Council (RCC) have been working to better align regulatory approaches in a number of areas, including nanotechnology. The purpose of the workshop was to report on accomplishments and discuss next steps regarding regulatory cooperation

between the two countries on nanomaterials. (Steve Weiss, Najm Shamim, Jonathan Chen, Donna Randall, Seiichi Murasaki, 703-347-0163)

**AD participated in EPA's HDFWA Meeting.** AD participated in EPA's Hydraulic Fracturing Drinking Water Assessment Summit (HDFWA) meeting sponsored primarily by the Office of Research and Development that took place on January 13-16, 2014 at the South Building. AD evaluates the antimicrobial uses for a variety of oil gas uses including hydraulic fracturing. AD participated in this conference in order to better understand the new research on uses, exposures, and potential risks in hydraulic fracturing. More information on "EPA's study of Hydraulic Fracturing and Its Potential Impact on Drinking Water Resource" and the progress of the risk assessment are available through EPA's public website at <http://www2.epa.gov/hfstudy>. (Nathan Mottl/AD 703-305-0208, Sandra O'Neill/AD 703-347-0401 and Jaclyn Pyne/AD 703-347-0213).

**EPA meets with ACC on Petition to review EPA's Data Requirements for Antimicrobials.** On July 3, 2013 the American Chemical Council (ACC) filed a petition in the US Court of Appeals (DC) seeking review of EPA's 40 CFR Part 158W Data Requirements for Antimicrobial Pesticides. Subsequently, ACC and EPA agreed to hold the petition for review in abeyance pending the outcome of settlement discussions. The rule remains in effect. On Friday, January 10<sup>th</sup> representatives from EPA (AD and OGC) and DOJ met with ACC and their attorneys to continue ongoing settlement discussions (Zoë Cavinder/308-0440).

## FIELD & EXTERNAL AFFAIRS DIVISION

**Nebraska Joins the SENSOR-Pesticides Program.** In 2014, Nebraska will join the SENSOR-Pesticide program as a federally unfunded state. Currently the participating states are California, Florida, Iowa, Louisiana, Michigan, Nebraska, New Mexico, North Carolina, New York, Oregon, Texas and Washington. In 2012 Arizona was removed from the program after several years of no reports or program participation. Note there is a 2-3 year lag time in receiving the aggregated dataset maintained by NIOSH. (Elizabeth Evans, 305-7891)

## BIOLOGICAL & ECONOMIC ANALYSIS DIVISION

**Microbiology Laboratory Branch (MLB) Takes Part in the ASTM Voting Process of Methods Under Ballot.** The ASTM (American Society for Testing and Materials) International is a standards development organization where methods are reviewed and approved through a rigorous consensus-based process. MLB previously led efforts with ASTM Subcommittee E35.15 (Antimicrobial Agents) to develop various standard test methods. MLB Team Leader, Jafrul Hasan, is a voting member for the ASTM Subcommittee E35.15. EPA recently proposed

modifications to existing ASTM E2839-11 (Standard Test Method for Production of *Clostridium difficile* spores for Use in Efficacy Evaluation of Antimicrobial Agents) to incorporate collaborative data and long term storage information for *C. difficile* spores. Currently, ASTM balloting is underway for the proposed modifications to ASTM E2839-11. While two ASTM methods for producing spores of *C. difficile* in high titer and purity are in existence, a third method is currently being reviewed and under ballot by the ASTM E35.15. MLB critically reviewed the method and cast "Affirmative with Comments" voting. The method uses Liver broth to produce spores of *C. difficile* and does not require any purification. (Jafrul Hasan, 410-305-2657)

#### **OPP Participates in Master Planning Briefing for the Environmental Science Center.**

OARM has initiated the process for developing the master plan for the Environmental Science Center (ESC) for the next 10 years which is scheduled to be completed later this year. Region 3 and OPP managers participated in a briefing provided by OARM and the contractor, The Smith Group, which provided the results of analysis of the facility based on their site visit last September. ESC is one of four EPA facilities undergoing the master planning process this year. This effort is being coordinated with the overall EPA Laboratory Enterprise effort currently underway. (Mark Hartman (703) 308-0734 and Diann Sims (308-8129)

### INFORMATION TECHNOLOGY & RESOURCES MANAGEMENT DIVISION

OPP FOIA Request Status Report – Jan 3 - 10, 2014							
Requests Received		Requests Closed			Requests Open		
FY14	This Week	FY14	FYTD	This Week	FY14	Prior Years	Total
120	13	30	71	6	90	275	365

(Ana Espinoza, 703-347-0102)

**Environmental Chemistry Methods (ECM) Index Updated** - The ITRMD Web Team worked with EFED to update the ECM Index tables with the Environmental Chemistry Method, Independent Laboratory Validation (ILV) and EPA Review for the following chemicals: Aminopyralid Glufosinate Sulfoxaflor. For more information, please visit <http://www.epa.gov/pesticides/methods/ecm-2.html>. (Miriam Organic, 703-605-0583)

## BIOPESTICIDES & POLLUTION PREVENTION DIVISION

**Public Participation Comment Period Opens for New PIP.** On January 14, BPPD opened a 15-day public comment period for a *Bt Cry1Ac x Bt Cry1F*. The proposed new pesticide product will be used as a PIP to control feeding damage to soybean from the larvae of certain lepidopteran pests. The registration will be limited to seed increase. Documents supporting the proposed products are available for comment in docket EPA-HQ-OPP-2013-0703 until January 29, 2014. (Denise Greenway, 308-8263)

**Public Participation Comment Period Opens for New Microbial AI.** On January 14, BPPD opened a 15-day public comment period for GS-omega/kappa-Hctx-Hv1a, a new microbial active ingredient, and for a manufacturing-use product (MP) and an end-use product (EP) that contain the new active ingredient. GS-omega/kappa-Hctx-Hv1a acts as an insecticide against cabbage looper for use on ornamental plants and edible crops. Scientists from across OPP (BPPD, EFED, HED, RD and BEAD) participated in risk assessments of this peptide. Documents supporting the proposed products are available for comment in docket EPA-HQ-OPP-2012-0391 until January 29, 2014. (Susanne Cerrelli, 308-8077)

**Federal White Paper on Tick IPM Seeks Final Approval.** An alliance of federal agencies, the Tick-Borne Disease IPM Workgroup, co-led by EPA and CDC, has been working since 2011 on a white paper that inventories federal agencies' efforts and lays out an IPM strategy for the prevention of tick-borne diseases. *The Federal Initiative: Tick-Borne Disease Integrated Pest Management White Paper* is the culmination of this effort. The white paper has been reviewed and approved by CDC, USDA, DoD, NSF and is currently undergoing final Agency review. It will serve as a touchstone for collaboration and coordination on tick research, demonstration and outreach among all of the participating agencies. (Candy Brassard, 305-6598)

**Agency to Host Webinar with NPMA, Fed Partners on Effective Tick Management Strategies.** On March 5, the National Pest Management Association in conjunction with EPA, CDC, and the CT Agricultural Experiment Station will host a webinar entitled *Tick Management and Prevention of Tick-Borne Diseases*. Topics will include conventional methods of tick control, recommended landscaping practices that impact ticks, protective measures for workers, and community of practice implementation. The webinar will provide current, actionable information that pest management professionals and vector control specialists can use to reduce tick exposure and tick-borne diseases. (Candy Brassard, 305-6598)

## HEALTH EFFECTS DIVISION

**OECD Guidance for Rotational Crops:** The Residue Chemistry Expert Group (RCEG) writing members charged with drafting a guidance document for rotational crops held a teleconference on January 15. The writers are a mixture of government and industry experts. An initial draft document was discussed, and it was decided to release the draft for a first round of comments in March. Issues that will be of particular importance to OPP will be determination of the appropriate application level of pesticide to soil before the plant back and creation of a group of representative crops to reduce the requirements for extensive rotational crop field trials. (Steve Funk, 305-5430)

**New SENSOR-Pesticides Dataset Received by EPA:** EPA received the new SENSOR-Pesticides dataset this week which includes all cases reported to the surveillance system from 1998-2010. All cases must meet the SENSOR case definition, which includes two or more health symptoms, and all cases are subject to a rigorous case classification process which includes a case certainty index. The new dataset contains a total of 19,543 cases and a total of 43% work-related cases. The 2010 data adds 1,802 new case reports from the ten states which actively participated in the program in 2010. Several variables have been added or revised and these changes are being reviewed by the TEB incident staff; dataset updates will also be a topic of discussion at the upcoming SENSOR-Pesticides meeting. (Elizabeth Evans, 305-7891)

**HED Meets with Staff from USDA/FSIS's Risk Assessment Division:** On Tuesday January 14th HED/CEB staff (David Miller, David Hrdy, Steve Nako, Matt Crowley) met with staff from the USDA's Food Safety Inspection Service (FSIS) to discuss making use of FSIS pesticide monitoring data on meat (beef, poultry, pork). Because the USDA's Pesticide Data Program (PDP) is no longer testing beef, poultry, and pork, CEB staff is looking to the FSIS data as a replacement for dietary risk assessments. HED has been working closely over the last year with FSIS, which is responsible for testing these commodities and enforcing tolerances to obtain pesticide data. HED has begun developing a rationale for prioritizing pesticide analytes and met with individuals from FSIS to discuss future sampling and sharing of data. (David Miller, 305-5352)



## REGISTRATION DIVISION

Registration Actions Completed Under the Pesticide Registration Improvement Act (PRIA)					
Chemical	Company	Registration Number	Action Code*	Due Date	Response Date
The Fungicide Branch granted:					
Mancozeb	United Phosphorus, Inc.	70506-185	R352	1/30/2014	1/16/2014
Tamue Gibson, 703/305-9096					
Azoxystrobin	NuFarm Americas, Inc.	55146-147	R301	1/17/2014	1/14/2014
Shaunta Hill, 703/347-8961					
The Herbicide Branch granted:					
Fomesafen	Drexel Chemical Company	19713-656	R310	1/28/2014	1/16/2014
Bethany Benbow, 703/347-8072					
Acetochlor	Monsanto Company	524-591	R170	12/19/2013	1/16/2014
Potassium salt of glyphosate		524-537 524-549	R350	10/30/2013	1/14/2014
Emily Hartman, 703/347-0189					
Glyphosate	Tundra Agroindustrial Ltd.	90102-1	R310	1/21/2014	1/15/2014
Glyphosate-isopropylammonium	E. I. DuPont de Nemours and Company	352-832	R170	10/15/2013	1/14/2014
Mindy Ondish, 703/605-0254					
Potassium salt of glyphosate	Monsanto Company	524-537 524-549	R292	1/12/2014	1/14/2014
Halosulfuron-methyl	Bayer Innovation GMBH	89698-1	R320	1/14/2014	1/14/2014
Maggie Rudick, 703/347-8072					
The Insecticide Branch granted:					
Piperonyl butoxide	Chemsico	9688-319	R310	1/21/2014	1/16/2014
Carmen Rodia, 703/306-0327					
Metofluthrin	Valent Biosciences Corporation	1021-2618	R310	12/3/2013	1/14/2014
Kevin Sweeney, 703/305-5063					
<b>R170</b> – Additional food use <sup>(3) (4)</sup> ; <b>R292</b> – Amend an established tolerance (e.g., decrease or increase); domestic or import; applicant-initiated; <b>R301</b> – New product identical or substantially similar in composition and use to a registered product; registered source of active ingredient; selective data citation only for data on product chemistry and/or acute toxicity and/or public health pest efficacy, where applicant does not own all required data and does not have a specific authorization letter from data owner; <b>R310</b> – New end-use or manufacturing-use product with registered source(s) of active ingredient(s); includes products containing two or more registered active ingredients previously combined in other registered products; requires review of data package within RD only; includes data and/or waivers of data for only: product chemistry and/or acute toxicity and/or public health pest efficacy and/or child resistant packaging <sup>(2) (3)</sup> ; <b>R320</b> – New product; new physical form; requires data review in science divisions <sup>(2) (3)</sup> ; <b>R350</b> – Amendment requiring data review in science divisions (e.g., changes to REI, or PPE, or PHI, or use rate, or number of applications; or add aerial application; or modify GW/SW advisory statement) <sup>(2) (3)</sup> ; and <b>R352</b> – Amendment adding already approved uses; selective method of support; does not apply if the applicant owns all cited data <sup>(2) (3)</sup> .					